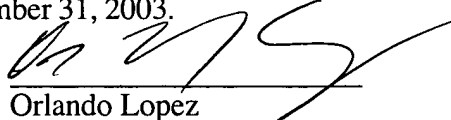


## CERTIFICATE OF EXPRESS MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service via Express Mail Label No. EL449702075US addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 31, 2003.

  
Orlando Lopez  
Reg. No. 46,880

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Thomas A. Mitchell

Application Serial Number: NA

Filed: Herewith

For: REFRACTIVE RELAY SPECTROMETER

Examiner: NA

Group Art Unit: NA

PERKINS, SMITH & COHEN, LLP  
One Beacon Street  
Boston, MA 02108  
(617) 854-4000

To: Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## PRELIMINARY AMENDMENT

Sir:

This amendment is submitted herewith. Please amend the application as follows.

**Remarks** begin on page 2 of this amendment.

**Amendments to the drawings** are attached.